Table of contents

- Introduction to Stress, Strain, and Their Relationships
- Axial Loading: Applications and Pressure Vessels
- Torsional Loading
- Flexural Loading: Stresses
- Flexural Loading: Deflections
- Statically Indeterminate Beams
- Stress and Strain Transformation Equations
- Combined Static Loadings
- Columns
- Inelastic Behavior
- Energy Methods
- Appendices
- Answers
- Name Index
- Subject Index